

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S117	285	stopper same shaft same rotate same (cup or cap or tube)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 14:13
S118	1817	(ridge or groove or notch) same (stop or slow) same shaft same rotate same (cup or cap or tube) same up	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 14:15
S119	730	(ridge or groove or notch) same (stop or slow) same shaft same rotate same (cup or cap or tube) same upward	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 14:16
S120	24	S119 and compressor	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 14:15
S121	39	((ridge or groove or notch) near5 (stop or slow)) same shaft same rotate same (cup or cap or tube) same upward	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 14:16
S122	1287	417/415.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 16:42
S123	1	S122 and (shaft same stopper same inner same (cap or top or tube))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 14:19
S124	2	S122 and (shaft same stopper same inner)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 14:19
S125	1	stopper same shaft same (cap or top) same innner	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 14:21
S126	1	stopper same shaft same innner	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 14:20
S127	2	stopper same (cap or top) same innner	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 14:21
S128	17	(stopper or ridge or notch) same (cap or top) same innner	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 14:21
S129	16	(US-20050254975-\$ or US-20010021350-\$).did. or (US-6422833-\$ or US-6171077-\$ or US-5605447-\$ or US-5895207-\$ or US-4137014-\$ or US-3664771-\$ or US-6019529-\$ or US-6374071-\$ or US-5520527-\$ or US-6106251-\$).did. or (US-3454213-\$ or US-2894678-\$ or US-3250354-\$ or US-3501927-\$).did.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 16:30
S130	1068	417/363.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 16:40
S131	10	S130 and (shaft near2 (stopper or ridge or groove))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 16:42
S132	1088	417/902.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 16:46
S133	183	S132 and (shaft same (stopper or ridge or groove))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 18:48
S134	80	S132 and (shaft same vibration)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 16:47

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S13 5	2	US-4385875-\$.DID. OR US-5529461-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 17:37
S13 6	6	("2159545" "2515799" "5411384").PN. OR ("6709247").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 17:39
S13 7	5	("4106881" "4592703" "4984971" "5022146" "5252038").PN. OR ("5435702").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 17:41
S13 8	6	("2072307" "2985010" "3075466").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 17:43
S13 9	9	("2072307" "2985010" "3075466").PN. OR ("4140439").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 17:43
S14 0	0	("2005/0254975").URPN.	USPAT	OR	OFF	2007/01/30 17:59
S14 1	7	US-5786647-\$.DID. OR US-5905320-\$.DID. OR US-6035485-\$.DID. OR US-6048024-\$.DID. OR US-6262504-\$.DID. OR US-6448678-\$.DID. OR US-6717299-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 18:00
S14 2	6	((GUI-GWON) near2 (KIM)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 18:01
S14 3	8	("4251986" "4345882" "4682753" "5145330" "5339652" "6035963" "6092997" "6276906").PN. OR ("6382932").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 18:02
S14 4	8	("4251986" "4345882" "4682753" "5145330" "5339652" "6035963" "6092997" "6276906").PN. OR ("6382932").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 18:06
S14 5	18	("2907515" "2929552" "2965289" "3215343" "3279683" "3445059" "3509907" "3887303" "4406593").PN. OR ("6422833").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 18:06
S14 6	18	("3509907").URPN.	USPAT	OR	OFF	2007/01/30 18:08
S14 7	9	("3664771").URPN.	USPAT	OR	OFF	2007/01/30 18:17
S14 8	73	("1614676" "1797287" "1964415" "2062052" "2066177" "2069767" "2178811" "2287203" "2683233" "2883101" "2905510" "3147914" "3176914" "3434656" "3480205" "3544820" "3560116" "3565553" "3614384" "3618337" "3653248" "3664461" "3664771" "3836290" "4127994" "4271368" "4325679" "4445056" "4517479" "4545743" "4564339" "4565503" "4569639" "4609334" "4621993" "4637786" "4666381" "4702683" "4717316" "4730988" "4755114" "4781542" "4895496" "5064356" "Re33652").PN. OR ("RE34297").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 18:19
S14 9	10	("2905510").URPN.	USPAT	OR	OFF	2007/01/30 18:25
S15 0	0	("RE37019").URPN.	USPAT	OR	OFF	2007/01/30 18:34
S15 1	17	("3147914" "3155312").PN. OR ("3614384").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 18:36
S15 2	15	("3044688" "3528755" "3610784" "3614384" "3664769" "4106881").PN. OR ("4431383").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 18:38

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S15 3	35	("2066177" "2130276" "2738919" "2905510" "2990111" "3147914" "3480205" "3614384" "3664771" "4063853" "4127994" "4545743" "4565503" "4569639").PN. OR ("4730988").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 18:39
S15 4	9	("3664771").URPN.	USPAT	OR	OFF	2007/01/30 18:40
S15 5	37	("1797287" "2066177" "2069767" "2178811" "2683233" "2883101" "3147914" "3480205" "3565553" "3614384" "3664771" "4127994" "4445056" "4517479" "4545743" "4564339" "4565503" "4569639" "4609334" "4621993" "4730988").PN. OR ("4895496").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 18:43
S15 6	49	S132 and ((shaft same top same (cap or cup)) and piston)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 18:49
S15 7	0	("2141053").URPN.	USPAT	OR	OFF	2007/01/30 18:53
S15 8	0	("2141053").URPN.	USPAT	OR	OFF	2007/01/30 18:53